

# **A Method for Detecting the Alignment of Document in an Automatic Document Feeder**

## **Abstract**

A method for detecting the alignment of document in an automatic document feeder provides an optical scanner that has an automatic document feeder and a document. The automatic document feeder has a colored pattern layer in corresponding to a scanning window of the optical scanner. The document has at least a side edge. When the document is being fed into the automatic document feeder, the side edge is just positioned between the scanning window and the colored pattern layer. When the automatic document feeder is switched on to feed in the document, a first image retrieval is made from the document placed on the scanning window. After the document is fed in to an appropriate length, a second image retrieval is made from the document placed on the scanning window. A slant value is calculated out by the result of comparing the first.